PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daniel Geist	11/07/2005
Mark Ginzburg	11/21/2005
Yoad Lustig	11/01/2005
Ishai Rabinovotz	11/09/2005
Ohad Shacham	11/09/2005
Rachel Tzoref	11/08/2005

RECEIVING PARTY DATA

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13108008

CORRESPONDENCE DATA

Fax Number: (914)945-3281

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

HRL_IPDEPARTMENT@il.ibm.com Email:

Correspondent Name: Suzanne Erez Address Line 1: PO Box 218

Address Line 4: Yorktown Heights, NEW YORK 10598

ATTORNEY DOCKET NUMBER: IL920050024US3

NAME OF SUBMITTER: Suzanne Erez

PATENT

REEL: 026280 FRAME: 0580

Address Line 2:

IP Law Department

Total Attachments: 6

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Assignment

Whereas, we

INVENTOR AND CITY	(1) Daniel GEIST	of	<u>Haifa, Israel</u>
INVENTOR AND CITY	(2) Mark GINZBURG	of	Be'er Sheva, Israel
INVENTOR AND CITY	(3) Yoad LUSTIG	of	Jerusalem, Israel
INVENTOR AND CITY	(4) Ishai RABINOVOTZ	of	Haifa, Israel
INVENTOR AND CITY	(5) Ohad SHACHAM	of	Kfar Monash, Israel
INVENTOR AND CITY	(6) Rachel TZOREF	of	<u>Haifa, Israel</u>

have invented certain improvements in

TITLE: Improvements to Satisfiability (SAT) Based Bounded Model Checkers

DATES THAT INVENTORS	(1)	Nov. 7	, 2005	. (2)		, 2005
SIGNED THE			. 2005	(4)	P.100	. 2005
DECLARATIO	N (5)	Nov 9	. 2005	(6)	Nov. 8	. 2005

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor:

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(IBM Docket) IL920050024US1 Page 2 of 2

CITY 7. (1,05 (1) at F/AI FA (01713 **SIGNATURE** Daniel FIRST NAME MIDDLE INITIAL LAST NAME CITY (2) at DATE . 2005. on **SIGNATURE GINZBURG** Mark FIRST NAME MIDDLE INITIAL LAST NAME CITY (3) at DATE . 2005. on **SIGNATURE** Yoad LUSTIG FIRST NAME MIDDLE INITIAL LAST NAME CITY DATE **SIGNATURE** Ishai FIRST NAME MIDDLE INITIAL LAST NAME CITY (5) at DATE **SIGNATURE** Ohad **SHACHAM** FIRST NAME MIDDLE INITIAL LAST NAME (6) at 4 a. fa . 2005. CITY DATE **TZOREF SIGNATURE** Rachel FIRST NAME MIDDLE INITIAL LAST NAME

Assignment

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**	HELEAS.	W

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DATES THAT (1) INVENTORS	, 2005	, (2) 1. rvember	21	, 2005
SIGNED THE (3)	, 2005	(4)		, 2005
DECLARATION (5)	, 2005	(6)		, 2005

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor:

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(IBM Docket) IL920050024US1 Page 2 of 2

CITY DATE SIGNATURE	(1) at on	, 2005,	Daniel FIRST NAME	MIDDLE INITIAL	GEIST LAST NAME
CITY DATE SIGNATURE	(2) at Haifo on November 2	, 2005,	Mark FIRST NAME	MIDDLE INITIAL	GINZBURG LAST NAME
CITY DATE SIGNATURE	(3) at on	, 2005,	Yoad FIRST NAME	MIDDLE INITIAL	LUSTIG LAST NAME
CITY DATE SIGNATURE	(4) at on	, 2005,	Ishai FIRST NAME	MIDDLE INITIAL	RABINOVOTZ LAST NAME
CITY DATE SIGNATURE	(5) at on	, 2005,	Ohad FIRST NAME	MIDDLE INITIAL	SHACHAM LAST NAME
CITY DATE SIGNATURE	(6) at on	, 2005,	Rachel FIRST NAME	MIDDLE INITIAL	TZOREF LAST NAME

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Assignment

W	retreats.	we

INVENTOR AND CITY	(1) Daniel GEIST	οl	<u>Haifa. Israel</u>
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SIGNED THE (3)	Vovember 1	2005	(4)	, 2005
DECLARATION (5)		. 2005	161	, 2005

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(188 (Automoti) IL920050024US1 Page 2 of 2

CITY	cl) at				
DATE SIGNATURE	on	, 2005,	Daniel FIRST NAME	MIDDLE INITIAL	GEIST LAST NAME
CITY DATE SIGNATURE	(2) at on	. 2005,	Mark FIRST NAME	MIDDLE INITIAL	GINZBURG LAST NAME
CITY DATE SIGNATURE	on November 1		Yoad FIRST NAME	MIDDLE INITIAL	LUSTIG LAST NAME
CITY DATE SIGNATURE	(4) at on	, 2005.	Ishai FIRST NAME	MIDDLE INITIAL	RABINOVOTZ LAST NAME
CITY DATE SIGNATURE	(5) at on	. 2005,	Ohad FIRST NAME	MIDDLE INITIAL	SHACHAM LAST NAME
CITY DATE SIGNATURE	(6) at on	, 2005.	Rachel FIRST NAME	MIDDLE INITIAL	TZOREF LAST NAME

PATENT REEL: 026280 FRAME: 0587

RECORDED: 05/16/2011